



State of California
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California Environmental Protection Agency

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Environment



State Water Resources Control Board
E. Joaquin Esquivel, Chair

Regional Water Quality Control Board,
Central Valley Region
Karl Longley, Chair

Contact:

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PUBLIC NOTICE:
Proposed No Further Action Determination

JAMAR SERVICE
4075 E MAIN STREET, STOCKTON, SAN JOAQUIN COUNTY
Case #391042
GeoTracker Global ID:
T0607700858

The Central Valley Regional Water Quality Control Board (Central Valley Water Board) invites public comment on the proposed No Further Action Determination and closure of the Jamar Service underground storage tank (UST) case, located at 4075 E. Main Street in Stockton, CA (Site). A map showing the Site investigation area and the current remaining extent of petroleum impact to groundwater is attached as Figure 1.

PUBLIC COMMENT PERIOD:

2 April through 6 June 2021 (65 days)

CASE SUMMARY:

The Site property has historically been utilized as a gasoline station. In 1995, one 350-gallon waste oil UST and one 500-gallon kerosene UST were removed from the site. In December 1998, two 6,000-gallon and one 10,000-gallon gasoline USTs were removed from the eastern portion of the site. At the current time, there is an active UST system on the Site.

Due to gasoline impact encountered during removal of the former gasoline USTs, a soil and groundwater subsurface investigation was conducted between September 1999 and August 2020. The investigation included advancing a total of twelve (12) soil borings, installation of twenty-seven (27) groundwater monitoring wells, three (3) soil vapor extraction wells, one (1) groundwater extraction (EW) well, twelve (12) injection wells and four (4) temporary soil gas probes in and surrounding the former UST area, as well as off-Site, to maximum depths of 150 feet below surface grade (bsg). The results of the investigation detected petroleum-impacted soil to depths of 109 feet bsg beneath the former USTs, and extended laterally north and south for 75 feet, and east and west for 120 feet. Additionally, groundwater was impacted beneath the former UST, resulting in a dissolved petroleum-impacted plume with dimensions 335 feet long by 210 feet wide.

Between September 2005 and November 2008, soil and groundwater remediation were performed at the Site utilizing soil vapor extraction (SVE) and ozone technologies. SVE remediation consists of the application of a vacuum to the subsurface to pull petroleum hydrocarbons out of the soil. Ozone remediation consists of the injection of ozone gas below the water table to strip petroleum hydrocarbons from the groundwater and destroy them. Based on the remediation results, approximately 4,095 gallons (25,600 pounds) of gasoline was removed from the subsurface. The remaining hydrocarbon impact to subsurface soil and groundwater in the shallow aquifer appears to be limited to a small area near the former UST and in the deeper aquifers is limited to an area east of the Site. The impacted soil and groundwater is considered to be defined in all directions. The results of the investigation have concluded that the remaining hydrocarbon impact to soil and groundwater does not appear to pose any significant threat to human health, the environment, or future site activities. Due to the low threat posed to human health, this site has been recommended for closure by ATC Group Service Inc. under California's Low-threat Closure Policy. Once all public comments have been reviewed, the Central Valley Water Board will consider closing the case.

FOR MORE INFORMATION

Additional information is available on the State Water Resources Control Board GeoTracker website at <http://geotracker.waterboards.ca.gov/> and the case file, which is available for review at the Central Valley Water Board office in Rancho Cordova. To make an appointment for a file review, please call (916) 464-3291.

Please contact Alan M. Buehler with the Central Valley Water Board if you have any comments/questions regarding the Jamar Service release, the cleanup activities at the site, or any of the information in this Fact Sheet:

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Notice to the Hearing Impaired

TDD users can obtain information about the Site by using the California State Relay Service (800) 735-2929 to reach the Public Participation Specialist. Ask them to contact the Central Valley Water Board at (916) 464-3291 regarding the proposed "No Further Action" determination for the Jamar Service release.

Attachments:

Figure 1 – Site Map showing the current remaining extent of petroleum impact to groundwater above water quality objectives

Figure 1

